

## C L A I M S

1. A method for processing documents being off-loaded in a document processing system in which requests are executed by an off-loading process, said method comprising the steps of:

5 providing customized code for execution during the off-loading process; and  
invoking the customized code when an off-loading request is issued relative to a document in the document processing system synchronously to the off-loading process.

- 10 2. The method according to Claim 1, wherein the customized code is invoked synchronously to process the document before the document has been off-loaded from the document processing system.
3. The method according to Claim 1, wherein the customized code is invoked synchronously to process the document after the document has been off-loaded from the document processing system.
- 15 4. The method according to Claim 1, wherein the customized code forms an agent, the agent being invoked via a plug-in interface to the document processing system.
5. The method according to Claim 1, wherein the customized code runs inside a plug-in architecture.
- 20 6. A method for executing an agent comprising customized code relative to documents being archived from a document processing system, said method comprising the steps of :  
selecting a document resident in the document processing system for archiving;

creating an archiving request for the selected document to an archiving engine associated with the document processing system;

invoking a pre-archiving agent, if any, on the selected document;

when the pre-archiving agent is finished, archiving the selected document;

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involing a post-archiving agent, if any, on the archived document; and

when the post-archiving agent is finished, marking archived document as 'archived'.

7. In a computing environment, a system for processing documents being off-loaded in a document processing system in which requests are executed by an off-loading process, said system comprising:

means for providing customized code for execution during the off-loading process;  
and

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means for invoking the customized code when an off-loading request is issued relative to a document in the document processing system synchronously to the off-loading process.